ANNUAL INDEX 1971-VOL.5

COURSES

Coupling, Resonance and Time Constants, Course 27, Electronics Course 4, C1 (27)

Inductance, Capacitance and Impedance, Course 26, Electronics Course 3, 33 (26)

Oscillators and Generators, Course 29, Electronics Course 6, C1 (29)

Power Supplies, Course 30, Electronics Course 7, C1 (30)

Sine Waves and AC Measurements, Course 25, Electronics Course 2, 33 (25)

Transistors and Tubes, Course 28, Electronics Course 5, C1 (28)

BOOKS

Electronic Components and Measurements, Bruce D. Wedlock and James K. Roberge, Prentice-Hall, 81 (26) Electronic Design Data Book, Rudolf Graf, Van Nostrand Rheinhold, 123 (25)

Electronics For Scientists, H. V. Malmstadt, C. G. Enke and E. C. Toren, Jr., W. A. Benjamin Publisher, 83 (30)

Fundamentals of Temperature Control, William K. Roots, Academic Press 96 (27)

Theory and Properties of Thermocouple Elements, D. D. Pollock, ASTM Monograph STP 492, 118 (29)

INSTRUMENT DATA SERVICE (IDS) SPEC SHEETS

Bonded Strain-Gage Pressure Transducer, IDS Spec Sheet V3-40-1, MB Electronics 135 (29)

Differential Pressure Transducers, Variable Reluctance, IDS Spec Sheet V2-39-1, Validyne Engineering 125 (27)

Logic Probes, IDS Spec Sheet T9-53-1, Kurz-Kasch 65 (26)

Spectrum Analyzer, IDS Spec Sheet T6-35-1, AIL Div., Cutler-Hammer 127 (28)

Spectrum Analyzer, IDS Spec Sheet T6-35-2, Spectral Dynamics Corp. of San Diego 133 (29)

ARTICLES

Accurate AC Measurements, Peter Richman 65 (25)

Anemometry, R. L. Humphrey, DISA 81 (25)

Annual Index for 1970, 65 (27)

Calibration of Laboratory Instruments by Computer, Dr. Richard Moore and R. A. Wingart, Univ. of Minn. 70 (25) Capacitive Position-Sensing Transducers (CPST). E. V. Hardway, Jr., Spearhead, Inc., and James A. Parnell, Bausch & Lomb, Inc., 77 (29)

Capacitive Pressure Sensor, Reuben Wasserman, Randolph Clarke and Hollis Gray, CGS/Datametrics 100 (29) Capacitive Pressure Transducers, An-

nual Survey 78 (28)

Computer Program for PPM Conversion, Thomas J. Hope, James G. Biddle Co. 73 (29)

Computer Program for Resistor Temperature Coefficient, Ralph Granchelli 68 (30)

Cryogenic Resistance Characteristics of of Alloy Wires, Alvin B. Kaufman 78 (27)

Deadweight Testers, Annual Survey 74
(30)

Eddy-Current Displacement Transducers, Charles Hays, Kaman Sciences Corporation 64 (30)

Electronic Hook Gage, W. Dean Ashton, Dwyer Instruments 110 (28)

Encoders, John Cronon and John Kristy, Norden Div., United Aircraft 102 (29) Fluidics Logic Elements, Roger Pederson, Bowles Fluidics 70 (30)

Fotonic Optical Displacement Sensor, Keith Wilson, Mechanical Technology, Inc. 116 (29)

Galvanometer Direct-Wiring Recorders, Annual Survey 88 (27)

Impact Test Accelerometers, William R. Stern, Setra Systems 63 (30)

Index, Annual 65 (27)

Inductive/Reluctance Pressure Transducers, Annual Survey 95 (29)

Light Beam Oscillographs, Charles R. Wallace, Bell & Howell 90 (29)

Light Beam Galvanometer Recorders, Annual Survey 92 (29)

Lock-In Amplifier, Hugh Doherty, Princeton Applied Research 78 (26)

Low Temperature Radiation Thermometer, Donald Fisher, Barnes Engineering 100 (25)

Moisture Calibration Curves 73 (26)
Moisture Content or Moisture Condition?
Frank C. Quinn, Hygrodynamics 102 (25)

Moisture Measurement, Annual Survey 67 (26)

New Developments in Magnetic Instrumentation, Jack Janicke, RFL Industries 57 (30)

New Techniques in Measuring Mass, Dr. Robert Zimmerer, Scientech, Inc. 110

Piezoelectric Pressure Transducers, Annual Survey 86 (29)

Platinum Thermocouple Life, F. Kolb, Electric Thermometers Trinity 76 (28)

Program for Calibrating Ohmmeters, R. J. Howell, General Dynamics 111 (28)

Quartz Piezoelectric Transducers, Walter P. Kistler, Kistler Instrument Company 80 (29)

Radiation and Temperature Survey 94
(25)

Resistance and Thermistor Thermometry, Annual Survey 66 (27)

Resistance Bridge, J. P. Smith and D. McCroskie, Vishay Resistor Products 77 (26)

Real-Time Signal Analysis, Richard Rothschild, Federal Scientific Corp. 94 (28)

Signal Analysis, Robert Moody, Spectral Dynamics Corp. of San Diego 80 (28)

Simulation of Vibration, Simulation Study 13, E. A. Rogers, EAI 77 (25) Solid-State Temperature Control, R. E.

Davis, Pennsylvania Electronics Technology 80 (27)

Sonic Sensor, George Von Vick 124 (28) Spectrum Analyzers, Annual Survey 91 (28)

Strain-Gage Pressure Transducers, Annual Survey 82 (27)

Thermistor Theory and Applications, Dr. Saul Barron, State Univ. College and W. S. Rautio, Conax Corp. 78 (30)

Thermocouples and Accessories, Annual Survey 65 (28)

Torque, Annual Survey 108 (25)

Turbine Flowmeters, Annual Survey 118
(25)

AUTHORS

Aronson, Milton H., Sine Waves and AC Measurements, Course 25, 33 (25)

Aronson, Milton H., Inductance, Capacitance and Impedance, Course 26, 33 (26)

Aronson, Milton H., Coupling, Resonance and Time Constants, Course 27, C1 (27)

Aronson, Milton H., Transistors and Tubes, Course 28, C1 (28)

Aronson, Milton H., Oscillators and Generators, Course 29, C1 (29)

Aronson, Milton H., Power Supplies,
Course 30 C1 (30)

Ashton, Dean W., Electronic Hook Gage 110 (28)

Barron, Dr. Sual and Rautio, W. S., Thermistor Theory and Applications 78 (30)

Clarke, R., Wasserman, R., and Gray H., Capacitive Pressure Sensor 100 (29)

Cronan, J., and Kristy, J., Encoders 102 (29)

Davis, R. E., Solid-State Temperature Control 80 (27)

Doherty, Hugh Lock-In Amplifier 78 (26) Fisher, Donald W., Low Temperature Radiation Thermometer 100 (25)

Granchelli, Ralph, Computer Program for Resistor Temperature Coefficient 68 (30)

Gray, H., Wasserman, R. and Clarke, R., Capacitive Pressure Sensor 100 (29)

Hardway, E. V., Jr. and Parnell, J.A., Capacitive Position-Sensing Transducers 77 (29)

Hays, Charles, Eddy-Current Displacement Transducers 64 (30) Hope, Thomas J., Computer Program for PPM Conversion 73 (29)

Howell, R. J., Program for Calibrating Ohmmeters 111 (28)

Humphrey, R. L., Anemometry 81 (25) Janicke, Jack, New Developments in Magnetic Instrumentation 57 (30)

Kaufman, Alvin, Cryogenic Resistance Characteristics of Alloy Wires 78 (27) Kistler, Walter P., Quartz Piezoelectric Transducers 80 (29)

Kolb, F., Platinum Thermocouple Life 76 (28)

Kristy, J. and Cronan, J., Encoders 102 (29)

McCroskie, D. and Smith, J. P., Resistance Bridge 77 (26)

Moody, Robert, Signal Analysis 80 (28) Moore, R. and Wingart, R. A., Calibration of Laboratory Instruments by Computer 70 (25)

Parnell, J. A. and Hardway, E. V., Jr., Capacitive Position-Sensing Transducer 77 (29)

Pederson, Roger, Fluidics Logic Elements 70 (30)

Quinn, Frank C., Moisture Content or Moisture Condition? 102 (25)

Rautio, W. S. and Barron, Dr. Saul, Thermistor Theory and Applications 78 (30)

Richman, Peter, Accurate AC Measurements 65 (25)

Rogers, E. A., Simulation of Vibration 77 (25)

Rothschild, Richard, Real-Time Signal Analysis 94 (28)

Smith, J. P. and McCroskie, D., Resistance Bridge 77 (26)

Stern, William R., Impact Test Accelerometers 63 (30)

Von Vick, George, Sonic Sensor 124 (28)

Wallace, Charles R., Light Beam Oscillographs 90 (29)

Wasserman, R., Clarke R., and Gray, H., Capacitive Pressure Sensor 100 (29)

Wilson, Keith, Fotonic Optical Displacement Sensor 116 (29)

Wingart, R. A., and Moore, Dr. Richard, Calibration of Laboratory Instruments by Computer 70 (25)

Zimmerer, Dr. Robert, New Techniques in Measuring Mass 110 (29)

Volume 5, 1971, completed our fifth year of publishing, which resulted in 30 issues. Since every issue contains a complete home-study course, there are over 30 courses available for study. These courses include:

1. MATH SERIES - Courses 3, 5, 9, 10, 11, 12, 14, 19, 21, 22

2. MEASUREMENTS SERIES-Courses 13, 16, 17, 18, 20, 23

3. ELECTRICITY/ELECTRONICS SERIES - Courses 24, 25, 26, 27, 28, 29, 30

 COMPUTER PROGRAMMING SER-IES - Begins with Course 31 in Issue 31.

WHAT'S HAPPENING?

HOWARD SCHAEVITZ APPOINTED

Mr. Howard A. Schaevitz has been appointed Vice-President, Marketing, Schaevitz Engineering. Mr. Schaevitz is an Electrical Engineering graduate of the University of Pennsylvania. Also announced is the appointment of Mr. Joseph Lipshutz as Vice-President, Operations of Schaevitz Engineering. Mr. Lipshutz was previously product manager of the Schaevitz line of linear variable differential transformers.

NIELSEN APPOINTED

Howard A. Nielsen has been appointed senior Vice President of Marketing for Transducers, Inc. Mr. Nielsen has patents on physiological pressure transducers and has been involved with the field of physical measurement. Most recently, he was Vice President of Dentronics, Inc. He is also a registered professional engineer in the state of California, and is a member of ISA, SESA, SAWE, and other professionally oriented organizations.

BBF ACQUIRES DYNISCO

B. B. Frusztajer, President of the BBF Group, Inc. of Boston has announced the acquisition of Dynisco, formerly a division of Microdot, Inc., by BBF. Dynisco is one of the world's leading manufacturers of pressure measurement instruments used in the plastics industry and in other process control applications. The top management team consists of Gerard D. Eggleston, who has been appointed Vice President and Operations Manager, and Richard T. Carrara, who has been appointed Vice President and Marketing Manager.

WHITEHEAD AND TIERNEY APPOINTED







M. Tierne

Robert J. Whitehead has been promoted to the position of Marketing Manager, Micro-Measurements Division.

Mr. Michael Tierney is promoted to the position of Sales Manager, reporting to Mr. Whitehead.

BARNES APPOINTED



R. Barnes, Jr.

Robert B. Barnes, Jr., has been appointed Director and President of Barnes Engineering Company. He joined the Company in 1968 and a year later was elected Assistant Treasurer. Mr. Barnes received his B.S. degree in Industrial Administration from Yale University in 1962 and an M.B.A. from Harvard University in 1964. Thereafter, he joined General Dynamics Corporation, San Diego, California, as an Engineering Administrator and in 1966 was transferred to its corporate office in New York City as Assistant to the Manager of Engineering and Program Development.

ASTM APPOINTMENTS

Dr. Erle I. Snobert II, vice-president—Technology, Stackpole Carbon Co., was elected president of ASTM for a one-year term. Professor Rudard A. Jones, director, and Research Professor of Architecture, University of Illinois, Small Homes Council - Building Research Council, Champaign, Ill., is the newvice president elected for a two-year term.—ASTM, 1916 Race St., Philadelphia, Pa. 19103.

WWWV WWVH BROADCAST MODIFICATIONS

Effective July 1, 1971, the braodcast formats on WWWV and WWVH will be modified to reflect the changing needs for Time and Frequency and other related services. One of the most significant changes will be the provision of voice announcements of the time each minute, instead of each five minutes. Further details are available from the Broadcast Services Section, Natural Bureau of Standards, Boulder, Colorado 80302. Also effective July 1, 1971, WWVH will be operating from a new location on the island of Kauai, Hawaii, with an additional frequency and increased radiated power.

FIRST JOINT MEASUREMENTS CONFERENCE

The 1972 Joint Measurement Conference, the first of its kind, is to be held June 21-23 at the Boulder, Colorado, Laboratories of the National Bureau of Standards. Sponsors: NBS, IEEE, ISA, NCSL, PMA. Theme is "The Role and Value of Measurement." For further data: NBS, Office of Technical Information, Washington, D.C. 20234; (301) 921-2691.

